

AMENDMENTS TO THE SPECIFICATION

On Page 24, lines 25-31 of Applicants' specification, replace the paragraph with the following:

20 g of polyvinyl-pyrrolidone (PVP K90) was mixed with 4 g of polyethylene-glycol dimethacrylate 1000 (PEG-DMA 1000) and 1 g ~~natriumperoxidisulphate~~ sodium peroxydisulphate in 75 g of 0.1 M citric acid/citrate buffer pH 6.0. The polymer solution was dispensed into a suitable mold in 5 mm thickness and cured under UV-light. The hydrogel was UV-cured under a single UV-lamp (specifications: 200 W/cm, microwave powered "D"-spectral type lamp with a conveyor speed of 0.4 m/min). A hydrogel sheet ~~hydrogel~~ of 5 mm thickness was obtained.

On page 25, lines 20 - 26 of Applicants' specification, replace the paragraph with the following:

20 g of polyvinyl-pyrrolidone (PVP K90) was mixed with 4 g of polyethylene-glycol dimethacrylate 1000 (PEG-DMA 1000) and 1 g ~~natriumperoxidisulphate~~ sodium peroxydisulphate in 60 g of 0.1 M citric acid/citrate buffer pH 6.0. To this solution was added 10 ml of 5.0×10^{-4} M FeSO_4 and 5 ml of 1×10^{-3} M ascorbic acid. The polymer solution was dispensed into a suitable mold in 5 mm

thickness and cured under UV-light. The hydrogel was UV-cured under a single UV-lamp (specifications: See Example 1). A hydrogel sheet ~~hydrogel~~ of 5 mm thickness was obtained.

On page 26, lines 7-14 of Applicants' specification, replace the paragraph with the following:

10 g of polyvinyl-pyrrolidone K90 (PVP K90) is mixed with 10 g polyvinyl-pyrrolidone K25 (PVPK25), 4 g of polyethylene-glycol dimethacrylate 1000 (PEG-DMA 1000) and 1 g ~~sodiumperoxydisulphate~~ sodium peroxydisulphate in 75 g of 0.1 M citric acid/citrate buffer pH 6.0. The polymer solution was dispensed into a suitable mold in 5 mm thickness and cured under UV-light. The hydrogel was UV-cured under a single UV-lamp (specifications: See Example 1). A hydrogel sheet ~~hydrogel~~ of 5 mm thickness was obtained.

On page 26, line 26 - page 27, line 2 of Applicants' specification, replace the paragraph with the following:

20 g of polyvinyl-pyrrolidone-co-vinylacetat (VA64) is mixed with 4 g of polyethylene-glycol dimethacrylate 1000 (PEG-DMA 1000) and 1 g ~~sodiumperoxydisulphate~~ sodium peroxydisulphate in 60 g of 0.1 M citric acid/citrate buffer pH 6.0. The polymer solution was

dispensed into a suitable mold in 5 mm thickness and cured under UV-light. The hydrogel was UV-cured under a single UV-lamp (specifications: See Example 1). A hydrogel sheet ~~hydrogel~~ of 5 mm thickness was obtained.

On page 27, lines 12-19 of Applicants' specification, replace the paragraph with the following:

20 g of polyvinyl-pyrrolidone K90 (PVP K90) was mixed 4 g of polyethylene glycol dimethacrylate 1000 (PEG-DMA 1000) and 1 g ~~sodiumperoxydisulphate~~ sodium peroxydisulphate in 65 g of 0.1 M citric acid/citrate buffer pH 6.0. 10 g of glycerol was added to this solution. The polymer solution was dispensed into a suitable mold in 5 mm thickness and cured under UV-light. The hydrogel was UV-cured under a single UV-lamp (specifications: See Example 1). A hydrogel sheet ~~hydrogel~~ of 5 mm thickness was obtained.

On page 27, line 31 - page 28, line 4 of Applicants' specification, replace the paragraph with the following:

10 g of polyvinyl-pyrrolidone K90 (PVP K90) was mixed with 4 g of polyethylene glycol dimethacrylate 1000 (PEG-DMA 1000) and 1 g ~~sodiumperoxydisulphate~~ sodium peroxydisulphate in 60 g of 0.1 M

citric acid/citrate buffer pH 6.0. To this solution was added 5 g of KCl.

On page 30, lines 6-14 of Applicants' specification, replace the paragraph with the following:

20 g of polyvinyl-pyrrolidone K90 (PVP K90) was mixed with 5 g polyvinyl-pyrrolidone K25 (PVPK25), 2 g of polyethylene-glycol dimethacrylate 1000 (PEG-DMA 1000) and 0.2 g sodium peroxidisulphate in 75 g of 0.1 M citric acid/citrate buffer pH 6.0. The polymer solution was dispensed into a suitable mold in 5 mm thickness and precured under a single UV-lamp (specifications: See Example 1) with a conveyor speed of 0.6 m/min. A soft hydrogel sheet ~~hydrogel~~ of 5 mm thickness was obtained. This hydrogel was post-cured and sterilized with electron beam irradiation (50 KGy).